

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of PHOSPHORUS SULFUR BASED ANTIFOULANTS

TONG DEXaminer: Bekir L. Yildrim

Application Serial No. 09/396,715 Degree Group Art Unit: 1764

Filed: September 15, 1999 Degree Group Art Unit: 1764

COMPLETED RESPONSE TO OFFICE ACTION

Assistant Commissioner for Patents Washington, D.C. 20231



Dear Sir:

In response to the communication from the Examiner, dated May 30, 2001, paper No. 10, requesting applicant to address the rejections set forth in the Official Action of June 20, 2001, applicant responds as follows:

CLEAN VERSION OF CLAIMS

Please enter claims 1-26 as shown below. No amendments have been made to claim 1-26 and thus, they are in the same condition as originally filed.

- 1. A method of inhibiting fouling of heat transfer surfaces in contact with petroleum or hydocarbon feedstocks comprising contacting the heat transfer surfaces with an effective amount of a thermally-treated phosphorous-sulfur compound.
- 2. The method of claim 1 wherein the fouling is coke formation in pyrolysis furnaces during thermal cracking of hydrocarbon feedstock.

Doc. No.: 687551

17644



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| TONG |) BASED ANTIFOULANTS) |
| Application Serial No. 09/396,715 |) Examiner: Bekir L. Yildrim |
| , | Group Art Unit: 1764 |
| Filed: September 15, 1999 | |
| TRĄNS | SMITTAL LETTER |
| Assistant Commissioner for Patents | |

Sir:

Washington, D.C. 20231

Please find enclosed the following for filing in the above identified application:

- 1. Completed Response to Office Action;
- 2. Petition for Extension of Time;
- 3. Check for \$110.00 for filing a response within the first month of extension; and
- 4. Stamped, self-address receipt postcard.

Please charge any additional fees to Deposit Account No. 23-2126. An extra copy is enclosed.

Respectfully submitted,

Date: 7-30-01 By:__

Gary R. Gillen Reg. No. 35,157

Gary R. Gillen WILDMAN, HARROLD, ALLEN & DIXON 225 West Wacker Drive Chicago, Illinois 60606-1229 (312) 201-2000

CERTIFICATE OF MAILING

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I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on

Mary and Everd